M.A.R. 57 (Rule 116)

Measurement Book No. C/09

Serial No. Maintenance of RO Plants constructed in ward No. 227765

Name of work Of, Byatarayanapura. From ..... To .....

Name of Contractor of nature of Agency Sri Chethan. P, Banglore-45.

Date of commencement of work 02/09/22

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost:	Rs. 25	00 lakhs				
	Job code:	007-20	-000086:	P1171			
	Work order:	BBHP/EE/BTP/WO/52/21-22 Dt:-10/03/2022.					
5)	Earthwork excavation for foundation of buildings, water supply Sanitary Lines and electrical conduits either in pits or in trenches 1.5m and above in width in ordinary soil						
	As per item No. 5 MB page No. 01 is					137.70 m³	
	@ Rs. 304.00 /m³						41861=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
32)	providing and installating at site of work 63 mm pvc pipes of 6kg/cm² including cost of pipes and specials and labours including lowering into trenches Qty vide E-MB page No. 01 is @Rs. 121.00/m					510.00 m	61710=00
33)	Refilling available earth around pipe lines cables in layers not exceeding 20 cms in depth compactly each deposited layers by rammimg after watering Qty vide E-MB page No: 01 is @Rs. 123.00/m³					137.70 m³	16937=00
34)	cutting of road surface for pipelines trenches and disposing of the excavated stuffs as direction including barricading danger lights Qty vide E-MB page No 01 is @Rs. 551.00/m³					34.43 m³	18971=00

M.A.R. 57 (Rule 116)

Measurement Book No. C/09

227766

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
46)	Lifting of Submersible pump set as per specification and direction Qty vide E-MB page No 01 & 03 is @Rs. 1243.00/No.					25 Nos	31075=00
47)	Transportation of pumping machineries Qty vide E-MB page No. 03 is @Rs. 1041.00/No					25 Nos	26025=00
48)	Labour charges (over hauling)						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide E-MB page No. 04 is @Rs. 2937.00/No					25 Nos	73425=00
49)	Repair of motor: Rewinding of submersible pump reels with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months Rewinding of motor of 12.5HP above. Qty vide E-MB page No. 05 is @Rs. 5050.00/No					25 Nos	126250=00
50)	Replacement of motor parts: Starter 5HP (with one year Guarantee) Qty vide E-MB page No. 06 is @Rs. 5300.00/No					25 Nos	132500=00
51)	Rotor (with one year guarantee) Qty vide E-MB page No. 07 is @Rs. 4968.00/No					25 Nos	124200=00

M.A.R. 57 (Rule 116)

Measurement Book No. C/09

227767

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
52)	Upper Flange Qty vide E-MB page No. 08 is @Rs. 384.00/No					25 Nos	9600=00
53)	Lower Flange Qty vide E-MB page No. 09 is @Rs. 384.00/Nos					25 Nos	9600=00
54)	Upper Housing Qty vide E-MB page No. 10 is @Rs. 695.00/No					25 Nos	17375=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
55)	Lower Housing						
	Qty vide E-MB page no:11 is					25 Nos	17375=00
	@Rs. 695.00/No						
56)	carbon housing thrust bearing block assembly complete with segment bearing pad and tip carbon/Ferrodopadding pad						
	Qty vide E-MB page no:12 is					25 Nos	27275=00
	@Rs. 1091.00/No						
57)	Replacement of Pump parts :- oil seal						
	Qty vide E-MB page no:13 is					25 Nos	4100=00
	@Rs. 164.00/No						
58)	oil seal steel bush						
	Qty vide E-MB page no:14 is					25 Nos	4100=00
	@Rs. 164.00/No						

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 227768

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
59)	Guide vane						
	Qty vide E-MB page no: 15 is					240 Nos	103680=00
	@Rs. 432.00/No						
60)	Impeller shaft mounted with aluminium Bronze).						
	Qty vide E-MB page no: 16 is					240 Nos	156960=00
	@Rs. 654.00/No						
61)	Discharge outlet (OD) Bearing DO Steel bush						
	Qty vide E-MB page no: 17 is					25 Nos	15350=00
	@Rs. 614.00/No						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
62)	SI Steel bush (OO Steel bush)						
	Qty vide E-MB page no. 18 is					25 Nos	5100=00
	@Rs. 204.00/No						
63)	pump shaft made out of stainless steel centerless ground with key way (upto 8 stages)						
	Qty vide E-MB page no. 19 is					25 Nos	30725=00
	@Rs. 1229.00/No						
64)	Non-return valve (NRV) externally complete with rubber 'O' ring						
	Qty vide E-MB page no. 20 is					25 Nos	7550=00
	@Rs. 302.00/No						
65)	Cable Guard						
	Qty vide E-MB page no. 19 & 21					25 Nos	4200=00
	@Rs. 168.00/No						

M.A.R. 57 (Rule 116)

Measurement Book No. C/09

227769

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
66)	Brass filter						
	Qty vide E-MB No page no. 22 is					25 Nos	15950=00
	@Rs. 660.00/Nos						
67)	Re-erection charges of pumping machineries, including over hauling and painting						
	Qty vide E-MB page no. 23 is					25 Nos	41050=00
	@Rs. 1642.00/No						
68)	providing non-return valve 50 mm						
	Qty vide E-MB page no. 24 is					12 Nos	20736=00
	@Rs. 1728.00/No						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
69)	providing gate valves 50 mm dia Qty vide E-MB page no 25 is @Rs. 1728.00/NO					12 NOS	20736.00
70)	Submersible cable 1x3x6.0 sq mm Qty vide E-MB page no 26 is @Rs. 138.00/m					750.00m	103500.00
71)	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces Qty vide E-MB page no 27 is @Rs. 280.00/NO					25 NOS	7000.00
72)	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/ground crossing with necessary clamping						

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 227770

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide E-MB page no. 28 is @Rs. 321.00/m					100.00m	32100.00
73)	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete Qty vide E-MB page no. 29 is @Rs. 259.00/NO					25 NOS	6475.00
74)	Supplying, fixing, wiring earth electrode for grounding conduit ic cutouts and other equipments on the meter board Qty vide E-MB page no. 30 is @Rs. 2879.00/NO					6 NOS	17274.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
75)	Supplying and fixing 6 porcelain fuse channel with cutout on existing wooden panel with necessary nuts, bolts and washers						
		Qty vide E-MB page no. 31 is				25 Nos	4175=00
		@Rs. 167.00/Nos					
76)	Supplying and fixing miniature circuit breakers on existing MCB distribution boards with necessary fixing material and 'C' type curve indicator						
		Qty vide E-MB page no. 32 is				12 Nos	19752=00
		@Rs. 1646.00/No					
77)	Fabricating supplying and mounting MS box made out sheet suitable for floor/wall mounting fully weather proof with provision for better heat dissipation						
		Qty vide E-MB page no. 33 is				187200 kgs	61776=00
		@Rs. 0.33/kg					

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 227771

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Sub Total		14,15,768=00
					GST @ 12%		169892=16
							1585660=16
						Round off	15,85,000.00

Certificate:

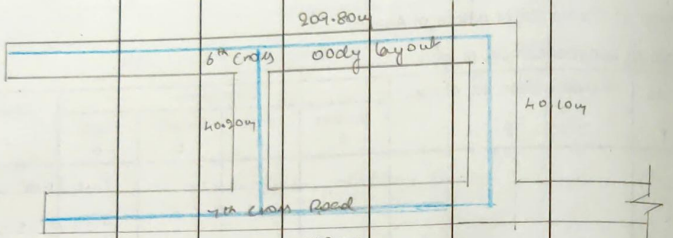
1. Certified that the contractor has done the work satisfactorily
2. Certified that there is no departmental dealings with the contractor.

Chetan.P
Contractor

Assistant Executive Engineer
Kodigehalli Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



INDEX:

▭ - Pipeline

07/09/22

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

1st & part

M.A.R. 57 (Rule 116)

Measurement Book No. C/09

227772

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	P1771 2	3	4	5	6	7	8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ Raw - Zonal Work - Raw Work ರಡಿ ಜಲ್ಲು ಬೋಜಲಾಗು ರೂ. 15,85,000/- ಗಳನ್ನು ಹಾಸು ಮಾಡಿದ ಇದರಲ್ಲಿ ರೂ. 139,000/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡಿದು ರೂ. 14,46,000/- ಗಳನ್ನು		Total	1585000		1st & part	
			I+	15850	15850		
			CSS+	14152	14152		
			SSS+	14152	14152		
			FSD	77411	77411		
			CESS	15850	15850		
			CBF	1585	1585		
	FT/NMR/RTGS ಮುಂಜಾವರ ಕಿಲಿಯಾಗಿದೆ		Dedi:	139000	139000		
	ವಿಷಯ ನಿರ್ವಾಹಕರು 7/9/22	ಲೆಕ್ಕಶೀರ್ಷಿಕೆಯ ಜಾರಿ ಜೂನಿಯರ್ ಎಂಜಿನಿಯರ್ ಬೆ.ಚಿ.ಪಾ. ಬೆಂಗಳೂರು	ಜಾಮೀನುದಾರರ ಅಂತಿಮ ಜೂನಿಯರ್ ಎಂಜಿನಿಯರ್ ಬೆ.ಚಿ.ಪಾ. ಬೆಂಗಳೂರು	Net payable	1446000	1446000		